

**93.—CATCH OF SHAD IN THE DELAWARE RIVER FOR 1885.**

**By P. F. JANN.**

The statistics of the catch of shad in the Delaware River during the season of 1885 are as follows :

*Shad catch of 1885.*

Caught in gill-nets and sent to Philadelphia .....	502,786	
Caught in seines and sent to Philadelphia .....	242,710	
		745,496
Sold at Chester, Marcus Hook, and Wilmington.....	200,000	
Sold at Penn's Grove, N. J.....	55,000	
Sold at Pennsville, N. J .....	15,000	
Sold at Trenton, Beverly, Billingsport, Burlington, &c.....	75,000	
		345,000
Shipped from Stow Creek to New York City.....		50,000
		1,140,496
Total .....		1,140,496

Shad were received at Philadelphia from April 9 to June 10. The largest number on any one day was on April 29, when 71,008 shad were brought to the Philadelphia markets. The average price during the season was about \$22.50 per hundred. The total catch of 1,140,496 is the largest that has been known on the Delaware for several years.

PHILADELPHIA, PA., *June 24, 1885.*

**94.—CATCH OF SHAD IN THE DELAWARE RIVER FOR 1886.**

**By P. F. JANN.**

The statistics of the catch of shad in the Delaware River during the season of 1886 are as follows :

*Shad catch of 1886.*

Caught in gill-nets and sent to Philadelphia .....	347,494	
Caught in seines and sent to Philadelphia .....	191,523	
		539,017
Sold at Chester, Pa .....	120,000	
Sold at Marcus Hook, Pa.....	50,000	
Sold at Wilmington, Del .....	70,000	
Sold at Penn's Grove, N. J.....	30,000	
Sold at Pennsville, N. J .....	10,000	
Sold at Trenton, Beverly, Billingsport, Burlington, &c.....	25,000	
		305,000
Shipped from Stow Creek to New York .....		50,000
		874,017
Total .....		874,017

The catch for the Delaware in 1886 shows a considerable falling off, while the southern catch and that in the Hudson River show an increase. The gains in the different sections depend much upon the weather. Elizabeth City, N. C., and vicinity, had an exceedingly good catch, while considerable amounts were taken in South Carolina and Florida.

PHILADELPHIA, PA., *July 29, 1886.*

#### 95.—DISTRIBUTION OF SHAD FRY DURING 1886.

By M. McDONALD.

The total distribution of shad fry for the season of 1886 amounts to over 90,000,000. As the entire number of shad taken for market is something less than 6,000,000, it will be seen that for every shad taken from the waters this season for market, there have been artificially hatched and returned to the waters fifteen young shad. Assuming that the entire cost of production and distribution has been \$20,000 (and it will not exceed this), the young fish have been produced and distributed over the entire United States at a rate of about \$215 for a million, or about forty-six fry for a cent.

Another interesting fact to note is that for the entire time up to and including 1882 there were produced 200,000,000 young shad; while for 1886 alone the total was over 90,000,000. This indicates that we are certainly getting to a point where the work may be regarded as profitable from a commercial standpoint.

The following is a summary of the shad distributed during the season of 1886, arranged by river basins:

Tributaries of Narragansett Bay.....	2, 534, 000
Tributaries of Long Island Sound .....	749, 000
Hudson River.....	2, 312, 000
Delaware River.....	21, 618, 000
Tributaries of Chesapeake Bay .....	52, 560, 000
Tributaries of Albemarle Sound .....	1, 990, 000
Streams draining into the Atlantic south of Albemarle Sound .....	4, 183, 000
Mississippi River and minor tributaries of Gulf of Mexico.....	4, 758, 000
Colorado River, Gulf of California.....	850, 000
Columbia River Basin.....	850, 000
Total.....	92, 404, 000

WASHINGTON, D. C., *July 21, 1886.*